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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))			Docket No. 66638/41212
In Re Application: Nelson			
Serial No. 10/725,836	Filing Date December 1, 2003	Examiner Sucheck, K.	Group Art Unit 2882
<b>Payment of Fee</b> (Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))			
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<b>*This certificate may only be used if paying by deposit account.</b>			
_____ Signature Robert L. Villhard, Reg. No. 53,725 Thompson Coburn LLP One US Bank Plaza St. Louis, Missouri 63101-9928 314-552-6000 314-552-7000 FAX		Dated: March 30, 2005	
Customer No: 021888			

04/05/2005 ZJUHR1 00000042 200823 10725836

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**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
66638/41212

In Re Application:

Nelson

APR 04 2005

U.S. PATENT & TRADEMARK OFFICE

Serial No.  
10/725,836

Filing Date  
December 1, 2003

Examiner  
Sucheck, K.

Group Art Unit  
2882

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

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- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 20-0823 as described below. A duplicate copy of this sheet is enclosed.
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Signature of Person Mailing Correspondence

Robert L. Villhard

Typed or Printed Name of Person Mailing Certificate

**\*This certificate may only be used if paying by deposit account.**



Signature

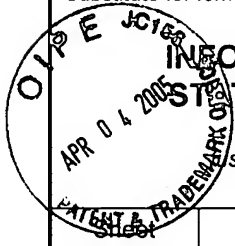
Robert L. Villhard, Reg. No. 53,725  
Thompson Coburn LLP  
One US Bank Plaza  
St. Louis, Missouri 63101-9928  
314-552-6000  
314-552-7000 FAX

Dated: March 30, 2005

Customer No: 021888

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Substitute for form 1449A/PTO



# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/725,836
Filing Date	December 1, 2003
First Named Inventor	Nelson
Art Unit	2882
Examiner Name	Sucheck, K.
Attorney Docket Number	66638/41212

1

of

2

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4,819,256	4/4/1989	Annis et al.	
		US- 4,809,312	2/28/1989	Annis	
		US- 3,969,699	7/13/1976	McGlaughlin	
		US- 3,748,470	7/24/1973	Barrett	
		US- 5,181,234	1/19/1993	Smith	
		US- 6,094,472	7/25/2000	Smith	
		US- 6,370,222	4/9/2002	Cornick, Jr.	
		US- 6,473,487	10/29/2002	Le	
		US- 5,293,434	3/8/1994	Feig et al.	
		US- 5,247,354	9/21/1993	Nakajima	
		US- 5,157,743	10/20/1992	Maeda et al.	
		US- 4,621,337	11/4/1986	Cates et al.	
		US- 4,549,212	10/22/1985	Bayer	
		US- 4,005,385	1/25/1977	Joynson et al.	
		US- 3,982,227	9/21/1976	Joynson et al.	
		US- 3,775,602	11/27/1973	Alexandridis et al.	
		US- 6,487,236	11/26/2002	Iwamatsu et al.	
		US- 2002/0028021A1	3/7/2002	Foote et al.	
		US- 5,926,488	7/20/1999	Khayrallah	
		US- 5,033,073	7/16/1991	Friddell	
		US- 4,974,247	11/27/1990	Friddell	
		US- 2002/0080760	6/27/2002	Anja et al.	
		US- 07/124,616	11/24/1987	Application was abandoned	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	AA	WO 00/49428	8/24/2000	Cornick		
	AB	WO 9202937	2/20/1992	Smith		
	AC	EP 1012986	6/28/2000	Khayrallah		
	AD	EP1173027	1/16/2002	Faryar et al.		
	AE	EP1024456	8/2/2000	Zhu		
	AF	EP0920185	6/2/1999	Inoue et al.		
	AG	WO9909655	2/25/1999	Khayrallah		
	AH	WO8500908	2/28/1985	Bayer		
	AI	WO8500906	2/28/1985	Cates et al.		
	AJ	WO00/01157	6/24/1999	Katayama et al.		

Examiner  
SignatureDate  
Considered

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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/725,836
				Filing Date	December 1, 2003
				First Named Inventor	Nelson
				Group Art Unit	2882
				Examiner Name	Sucheck, K.
Sheet	2	of	2	Attorney Docket Number	66638/41212

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	AK	DECKER, J.A.; Hadamard-Transform Image Scanning; Applied Optics, Vol. 9 No. 6, June 1970, 4 pages	
	AL	Appendix B, X-Ray-Based Detection Systems; Technology Against Terrorism: The Federal Effort; Internet article; 4 pages, May 13, 2003; <a href="http://216.239.37.104/searc.../913909.pdf">http://216.239.37.104/searc.../913909.pdf</a>	
	AM	AS&E Announces Breakthrough in X-Ray Inspection Technology; Press Release; Internet article; 2 pages, <a href="http://www.as-e.com/about/2001/070901.html">www.as-e.com/about/2001/070901.html</a> ; May 13, 2003	
	AN	AS&E Technology; Internet article; May 13, 2003; 2 pages, <a href="http://www.as-e.com/technogy/backscatter.html">www.as-e.com/technogy/backscatter.html</a>	
	AO	BOSSI, RH, FRIDDELL, K.D., NELSON, J.M.; Backscatter X-Ray Imaging; Materials Evaluation; Vol. 46, No. II, Oct 1989; 10 pages	

Examiner Signature		Date Considered	
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<b>TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT</b> (Under 37 CFR 1.97(b) or 1.97(e))			Docket No. 66638/41212	
In Re Application Of: Nelson				
Serial No. 10/725,836	Filing Date December 1, 2003	Examiner Suchecki, K.	Group Art Unit 2882	
Title: Backscatter Imaging Using Hadamard Transform Masking				
Address to: Assistant Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 <b>37 CFR 1.97(b)</b>				
1. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.				
<b>37 CFR 1.97(c)</b>				
2. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:				
<div style="margin-left: 40px;"> <input type="checkbox"/> the statement specified in 37 CFR 1.97(e);         </div>				
<b>OR</b>				
<div style="margin-left: 40px;"> <input checked="" type="checkbox"/> the fee set forth in 37 CFR 1.17(p).         </div>				